

## ABSTRACT

When recording or reproduction of data is to be performed, initially, recording or reproduction of data is performed from a position on a disk where data recording or reproduction becomes possible with a command being issued, followed by recording or reproduction of data corresponding to the subsequent positions. Thereafter, recording or reproduction of data corresponding to each position of a part on the disk where data recording or reproduction has not been performed is performed. Thereby, deterioration of recording/reproduction execution time due to a rotation wait which is caused by a command over-head or a retrial due to an error is reduced, whereby the recording/reproduction execution time can be reduced.